

ABSTRACT OF THE DISCLOSURE

5 A digitally trimmed current source. The novel current source includes a first
circuit for generating a current in response to an applied voltage and a resistance
variable in response to a control signal, and a second circuit for supplying the control
signal. The first circuit includes a resistive network comprised of a plurality of
resistors; a plurality of switches, each switch coupled to one of the resistors and
10 adapted to selectively switch the resistor in and out of the resistive network in
response to the control signal; and a transistor adapted to apply a voltage across the
resistive network to generate a current.